

Aug 77



# Price List

U.S. and Canada  
March 1, 1977

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# 8½ inch Printer/Plotters

*Shipping schedule: normally 60 days after receipt of order. Shipping weight 300 lb (136 kg). Included with each initial shipment is: one bottle of toner pre-mix, toner concentrate, and clear dispersant; one box of roll and fan-fold paper; and*

*an operations and maintenance manual. Users may choose either Gothic, Roman or Courier font on Models LP-960 and 900A.*

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## Model LP-810 Printer . . . . . \$6,200

Uses 8½ inch fan-fold or roll paper. Dual array writing head produces resolution of 100 dots per inch. Prints 100 characters per line with a 7 x 9 dot matrix at 500 lines per minute. Has 64 ASCII character set and full one-line buffer.

## Model 800 Plotter . . . . . \$6,200

Uses 8½ inch fan-fold or roll paper. Dual array writing head has 800 writing nibs. Plots with a resolution of 100 dots per inch at 1.2 inches per second paper speed. Includes two-line buffer.

## Model 800A Printer/Plotter . . . . . \$6,800

Uses 8½ inch fan-fold or roll paper. Plots with a resolution of 100 dots per inch at 1.2 inches per second paper speed. Dual array writing head has 800 writing nibs. Prints 100 characters per line with a 7 x 9 dot matrix at 500 lines per minute. Has 64 ASCII character set and two-line buffer.

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## Model LP-960 Printer . . . . . \$8,050

Uses 8½ inch fan-fold or roll paper. Dual array writing head produces resolution of 200 dots per inch. Prints 100 characters per line with a 16 x 16 dot matrix at 600 lines per minute. Has 96 ASCII character set and full one-line buffer.

## Model 900 Plotter . . . . . \$8,050

Uses 8½ inch fan-fold or roll paper. Dual array writing head has 1600 writing nibs. Plots with a resolution of 200 dots per inch at 1.25 inches per second paper speed. Includes two-line buffer.

## Model 900A Printer/Plotter . . . . . \$8,850

Uses 8½ inch fan-fold or roll paper. Plots with a resolution of 200 dots per inch at 1.25 inches per second paper speed. Dual array writing head has 1600 writing nibs. Prints 100 characters per line with a 16 x 16 dot matrix at 600 lines per minute. Has 96 ASCII character set and two-line buffer.

### OPTIONS:

#### Model A-80 . . . . . \$400

Additional One-line Buffer for LP-810 Printer.

#### Model A-18 . . . . . No Charge

Simultaneous Print/Plot Option. For Model 800A printer/plotter. May be substituted for two-line buffer.

#### Model 601 . . . . . \$250

96 ASCII Character Set Option. 7 x 9 dot matrix, for Models LP-810 and 800A.

#### Model 602 . . . . . \$500

124 Scientific/Engineering character set option. 7 x 9 dot matrix. For Models LP-810 and 800A.

#### Model 603 . . . . . \$500

128 Typesetting character set option. 7 x 9 dot matrix. For Models LP-810 and 800A.

#### Model A-30 Paper Winder . . . . . (15 lb, 7 kg) \$250

Rewinds 8½ inch roll paper.

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### OPTIONS:

#### Model A-90 . . . . . \$400

Additional One-line Buffer for LP-960 Printer.

#### Model A-161 . . . . . No Charge

Simultaneous Print/Plot Option. For Model 900A printer/plotter. May be substituted for two-line buffer.

#### Model 614 Gothic, Model 617 Roman, or Model 620

#### Courier . . . . . \$500

124 Scientific/Engineering character set option. 16 x 16 dot matrix. For Models LP-960 and 900A.

#### Model 615 Gothic, Model 618 Roman, or Model 621

#### Courier . . . . . \$500

128 Typesetting character set option. 16 x 16 dot matrix. For Models LP-960 and 900A.

#### Model A-30 Paper Winder . . . . . (15 lb, 7 kg) \$250

Rewinds 8½ inch roll paper.

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# 11 inch Printer/Plotters

## Model LP-1150 Printer . . . . . \$6,550

Uses 11 inch fan-fold or roll paper. Dual array writing head produces resolution of 100 dots per inch. Prints 132 characters per line with a 7 x 9 dot matrix at 500 lines per minute. Has 64 ASCII character set and full one-line buffer.

## Model 1100 Plotter . . . . . \$6,550

Uses 11 inch fan-fold or roll paper. Dual array writing head has 1024 writing nibs. Plots with a resolution of 100 dots per inch at 1.2 inches per second paper speed. Includes two-line buffer.

## Model 1100A Printer/Plotter . . . . . \$7,250

Uses 11 inch fan-fold or roll paper. Plots with a resolution of 100 dots per inch at 1.2 inches per second paper speed. Dual array writing head has 1056 writing nibs. Prints 132 characters per line with a 7 x 9 dot matrix at 500 lines per minute. Has 64 ASCII character set and two-line buffer.

### OPTIONS:

#### Model A-110 . . . . . \$450

Additional One-line Buffer for LP-1150 Printer.

#### Model A-111 . . . . . No Charge

Simultaneous Print/Plot Option. For Model 1100A printer/plotter. May be substituted for two-line buffer.

#### Model 601 . . . . . \$250

96 ASCII Character Set Option. 7 x 9 dot matrix, for Models LP-1150 and 1100A.

#### Model 602 . . . . . \$500

124 Scientific/Engineering character set option. 7 x 9 dot Matrix. For Models LP-1150 and 1100A.

#### Model 603 . . . . . \$500

128 Typesetting character set option. 7 x 9 dot matrix. For Models LP-1150 and 1100A.

#### Model A-130 Paper Winder . . . . . (15 lb, 7 kg) \$300

Rewinds 11 inch roll paper.



# 11 inch Printer/Plotters (continued)

*Shipping schedule: normally 60 days after receipt of order. Shipping weight 300 lb (136 kg). Included with each initial shipment is: one bottle each of toner pre-mix, toner concentrate, and clear dispersant; one box of roll and fan-fold*

*paper; and an operations and maintenance manual. Users may choose either Gothic, Roman or Courier font on Models LP-1616, 1600A, LP-1250 and 1200A.*

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## Model LP-1175 Printer . . . . . \$7,200

Uses 11 inch fan-fold or roll paper. Dual array writing head produces resolution of 100 dots per inch. Prints 132 characters per line with a 7 x 9 dot matrix at 1000 lines per minute. Has 64 ASCII character set and full one-line buffer.

## Model 1110 Plotter . . . . . \$7,200

Uses 11 inch fan-fold or roll paper. Dual array writing head has 1024 writing nibs. Plots with a resolution of 100 dots per inch at 2.4 inches per second paper speed. Includes two-line buffer.

## Model 1110A Printer/Plotter . . . . . \$8,000

Uses 11 inch fan-fold or roll paper. Plots with a resolution of 100 dots per inch at 2.4 inches per second paper speed. Dual array writing head has 1056 writing nibs. Prints 132 characters per line with a 7 x 9 dot matrix at 1000 lines per minute. Has 64 ASCII character set and two-line buffer.

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## Model LP-1250 Printer . . . . . \$8,500

Uses 11 inch fan-fold or roll paper. Dual array writing head produces resolution of 200 dots per inch. Prints 132 characters per line with a 16 x 16 dot matrix at 500 lines per minute. Has 96 ASCII character set and full one-line buffer.

## Model 1200 Plotter . . . . . \$8,500

Uses 11 inch fan-fold or roll paper. Dual array writing head has 2112 writing nibs. Plots with a resolution of 200 dots per inch at 1.0 inch per second paper speed. Includes two-line buffer.

## Model 1200A Printer/Plotter . . . . . \$9,400

Uses 11 inch fan-fold or roll paper. Plots with a resolution of 200 dots per inch at 1.0 inch per second paper speed. Dual array writing head has 2112 writing nibs. Prints 132 characters per line with a 16 x 16 dot matrix at 500 lines per minute. Has 96 ASCII character set and two-line buffer.

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## Model LP-1616 Printer . . . . . \$8,500

Uses 11 inch fan-fold or roll paper. Dual array writing head produces resolution of 160 dots per inch. Prints 100 characters per line with a 16 x 16 dot matrix at 300 lines per minute. Has 96 ASCII character set and full one-line buffer.

## Model 1600 Plotter . . . . . \$8,500

Uses 11 inch fan-fold or roll paper. Dual array writing head has 1600 writing nibs. Plots with a resolution of 160 dots per inch at 0.75 inch per second paper speed. Includes two-line buffer.

## Model 1600A Printer/Plotter . . . . . \$9,400

Uses 11 inch fan-fold or roll paper. Plots with a resolution of 160 dots per inch at 0.75 inch per second paper speed. Dual array writing head has 1600 writing nibs. Prints 100 characters per line with a 16 x 16 dot matrix at 300 lines per minute. Has 96 ASCII character set and two-line buffer.

## OPTIONS:

### Model A-110 . . . . . \$450

Additional One-line Buffer for LP-1175 Printer.

### Model A-111 . . . . . No Charge

Simultaneous Print/Plot Option. For Model 1110A printer/plotter. May be substituted for two-line buffer.

### Model 601 . . . . . \$250

96 ASCII Character Set Option. 7 x 9 dot matrix, for Models LP-1175 and 1110A.

### Model 602 . . . . . \$500

124 Scientific/Engineering character set option. 7 x 9 dot matrix. For Models LP-1175 and 1110A.

### Model 603 . . . . . \$500

128 Typesetting character set option. 7 x 9 dot matrix. For Models LP-1175 and 1110A.

### Model A-130 Paper Winder . . . . . (15 lb, 7 kg) \$300

Rewinds 11 inch roll paper.

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## OPTIONS:

### Model A-120 . . . . . \$600

Additional One-line Buffer for LP-1250 Printer.

### Model A-121 . . . . . No Charge

Simultaneous Print/Plot Option. For Model 1200A printer/plotter. May be substituted for two-line buffer.

### Model 614 Gothic, Model 617 Roman, or Model 620 Courier . . . . . \$500

124 Scientific/Engineering character set option. 16 x 16 dot matrix. For Models LP-1250 and 1200A.

### Model 615 Gothic, Model 618 Roman, or Model 621 Courier . . . . . \$500

128 Typesetting character set option. 16 x 16 dot matrix. For Models LP-1250 and 1200A.

### Model A-130 Paper Winder . . . . . (15 lb, 7 kg) \$300

Rewinds 11 inch roll paper.

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## OPTIONS:

### Model A-160 . . . . . \$600

Additional One-line Buffer for LP-1616 Printer.

### Model A-161 . . . . . No Charge

Simultaneous Print/Plot Option. For Model 1600A printer/plotter. May be substituted for two-line buffer.

### Model 605 Gothic, Model 608 Roman, or Model 611 Courier . . . . . \$500

124 Scientific/Engineering character set option. 16 x 16 dot matrix. For Models LP-1616 and 1600A.

### Model 606 Gothic, Model 609 Roman, or Model 612 Courier . . . . . \$500

128 Typesetting character set option. 16 x 16 dot matrix. For Models LP-1616 and 1600A.

### Model A-130 Paper Winder . . . . . (15 lb, 7 kg) \$300

Rewinds 11 inch roll paper.



# Wide Plotters

*Shipping schedule for 20 Inch Plotters and Printer/Plotters: normally 90 days after receipt of order. Shipping weight 372 lb (170 kg). Included with each initial shipment is: one bottle each of toner pre-mix, toner concentrate, and clear dispersant; one box of roll paper; and an operations and*

*maintenance manual. Users may choose either Gothic, Roman or Courier font on all printer/plotters which have a 16 x 16 dot matrix character generator. Models 2030 series and 2160 series cannot be used with long-line drivers.*

## 20 Inch Plotters

### **Model 2000 Plotter . . . . . \$10,450**

Uses 20 inch roll paper. Dual array writing head has 1856 writing nibs. Plots with a resolution of 100 dots per inch at 0.75 inch per second paper speed. Includes full one-line buffer.

### **Model 2000A Printer/Plotter . . . . . \$11,000**

Uses 20 inch roll paper. Plots with a resolution of 100 dots per inch at 0.75 inch per second paper speed. Dual array writing head has 1856 writing nibs. Prints 232 characters per line with a 7 x 9 dot matrix at 300 lines per minute. Includes 96 ASCII character set and a full one-line buffer. Can simultaneously print and plot.

#### **OPTIONS:**

### **Model 602 . . . . . \$250**

124 Scientific/Engineering character set option. 7 x 9 dot matrix. For Model 2000A.

### **Model A-230 Paper Winder . . . . . (15 lb, 7 kg) \$400**

Rewinds 20 inch roll paper.

## 20 Inch Plotters

### **Model 2030 Plotter . . . . . \$13,500**

Uses 20 inch roll paper. Dual array writing head has 1856 writing nibs. Plots with a resolution of 100 dots per inch at 3.0 inches per second paper speed. Includes full one-line buffer.

### **Model 2030A Printer/Plotter . . . . . \$14,200**

Uses 20 inch roll paper. Plots with a resolution of 100 dots per inch at 3.0 inches per second paper speed. Dual array writing head has 1856 writing nibs. Prints 232 characters per line with a 7 x 9 dot matrix at 1200 lines per minute. Includes 96 ASCII character set and a full one-line buffer. Can simultaneously print and plot.

#### **OPTIONS:**

### **Model 602 . . . . . \$250**

124 Scientific/Engineering character set option. 7 x 9 dot matrix. For Model 2030A.

### **Model A-230 Paper Winder . . . . . (15 lb, 7 kg) \$400**

Rewinds 20 inch roll paper.

## 20 Inch Plotters

### **Model 2160 Plotter . . . . . \$12,450**

Uses 20 inch roll paper. Dual array writing head has 2880 writing nibs. Plots with a resolution of 160 dots per inch at 0.45 inch per second paper speed. Includes full one-line buffer.

### **Model 2160A Printer/Plotter . . . . . \$12,900**

Uses 20 inch roll paper. Plots with a resolution of 160 dots per inch at 0.45 inch per second paper speed. Dual array writing head has 2880 writing nibs. Prints 180 characters per line with a 16 x 16 dot matrix at 190 lines per minute. Includes 96 ASCII character set and a full one-line buffer. Can simultaneously print and plot.

#### **OPTIONS:**

### **Model 605 Gothic, Model 608 Roman, or Model 611 Courier . . . . . \$500**

124 Scientific/Engineering character set option. 16 x 16 dot matrix. For Model 2160A.

### **Model A-230 Paper Winder . . . . . (15 lb, 7 kg) \$400**

Rewinds 20 inch roll paper.

## 22 Inch Plotters

*Shipping schedule: normally 120 days after receipt of order.*

### **Model 8122 Plotter . . . . . (650 lb, 295 kg) \$17,000**

Uses 22 inch roll paper. Dual array writing head has 2112 writing nibs. Plots with a resolution of 100 dots per inch at 2.0 inches per second paper speed.

### **Model 8122A Plotter, with character generator. . . \$18,000**

Uses 22 inch roll paper, dual array writing head has 2112 writing nibs. Plots with a resolution of 100 dots per inch at 2.0 inches per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 7 x 9 dot matrix. Prints up to 264 characters per line at 790 lines per minute.

### **Model 8222 Plotter . . . . . (650 lb, 295 kg) \$21,000**

Uses 22 inch roll paper. Dual array writing head has 4224 writing nibs. Plots with a resolution of 200 dots per inch at 1.0 inch per second paper speed.

### **Model 8222A Plotter, with character generator. . . \$22,500**

Uses 22 inch roll paper, dual array writing head has 4224 writing nibs. Plots with a resolution of 200 dots per inch at 1.0 inch per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 16 x 16 dot matrix. Prints up to 264 characters per line at 790 lines per minute.

#### **Options for 22 inch wide plotters:**

### **Paper Winder . . . . . (80 lb, 36 kg) \$1,250**

Rewinds 22 inch roll paper.

### **Extension Table . . . . . (55 lb, 25 kg) \$ 950**

For 22 inch wide plotter. Provides plot viewing area of 2 x 4.5 feet.



# Wide Plotters (continued)

*Shipping schedule for 24, 36, 42 and 72 Inch Plotters: normally 120 days after receipt of order. Shipping weight 372 lb (170 kg). Included with each initial shipment is: one bottle each of toner pre-mix, toner concentrate, and clear*

*dispersant; one box of roll paper; and an operations and maintenance manual. Users may choose either Gothic, Roman or Courier font on all printer/plotters which have a 16 x 16 dot matrix character generator.*

## 24 Inch Plotters

**Model 8124 Plotter . . . . . (650 lb, 295 kg) \$18,000**

Uses 24 inch roll paper. Dual array writing head has 2304 writing nibs. Plots with a resolution of 100 dots per inch at 2.0 inches per second paper speed.

**Model 8124A Plotter, with character generator. . . \$19,500**

Uses 24 inch roll paper, dual array writing head has 2304 writing nibs. Plots with a resolution of 100 dots per inch at 2.0 inches per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 7 x 9 dot matrix. Prints up to 288 characters per line at 790 lines per minute.

**Model 8224 Plotter . . . . . (650 lb, 295 kg) \$22,000**

Uses 24 inch roll paper. Dual array writing head has 4608 writing nibs. Plots with a resolution of 200 dots per inch at 1.0 inch per second paper speed.

**Model 8224A Plotter, with character generator. . . \$23,500**

Uses 24 inch roll paper, dual array writing head has 4608 writing nibs. Plots with a resolution of 200 dots per inch at 1.0 inch per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 16 x 16 dot matrix. Prints up to 288 characters per line at 480 lines per minute.

Options for 24 inch wide plotters:

**Paper Winder . . . . . (80 lb, 36 kg) \$1,250**

Rewinds 24 inch roll paper.

**Extension Table . . . . . (55 lb, 25 kg) \$ 950**

For 24 inch wide plotter. Provides plot viewing area of 2 x 4.5 feet.

## 42 Inch Plotters

**Model 8142 Plotter . . . . . (1000 lb, 455 kg) \$29,500**

Uses 42 inch roll paper. Dual array writing head has 4096 writing nibs. Plots with a resolution of 100 dots per inch at 2.0 inches per second paper speed.

**Model 8142A Plotter, with character generator. . . \$32,000**

Uses 42 inch roll paper, dual array writing head has 4096 writing nibs. Plots with a resolution of 100 dots per inch at 2.0 inches per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 7 x 9 dot matrix. Prints up to 512 characters per line at 790 lines per minute.

**Model 8242 Plotter . . . . . (1000 lb, 455 kg) \$38,900**

Uses 42 inch roll paper. Dual array writing head has 8192 writing nibs. Plots with a resolution of 200 dots per inch at 0.50 inch per second paper speed.

**Model 8242A Plotter, with character generator. . . \$41,500**

Uses 42 inch roll paper, dual array writing head has 8192 writing nibs. Plots with a resolution of 200 dots per inch at 0.50 inch per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 16 x 16 dot matrix. Prints up to 512 characters per line at 240 lines per minute.

Options for 42 inch wide plotters:

**Paper Winder . . . . . (130 lb, 59 kg) \$1,750**

Rewinds 42 inch roll paper.

**Extension Table . . . . . (100 lb, 45 kg) \$1,300**

For 42 inch wide plotter. Provides plot viewing area of 3.5 x 4.5 feet.

## 36 Inch Plotters

**Model 8136 Plotter . . . . . (1000 lb, 455 kg) \$25,900**

Uses 36 inch roll paper. Dual array writing head has 3520 writing nibs. Plots with a resolution of 100 dots per inch at 2.0 inches per second paper speed.

**Model 8136A Plotter, with character generator. . . \$27,900**

Uses 36 inch roll paper, dual array writing head has 3520 writing nibs. Plots with a resolution of 100 dots per inch at 2.0 inches per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 7 x 9 dot matrix. Prints up to 440 characters per line at 790 lines per minute.

**Model 8236 Plotter . . . . . (1000 lb, 455 kg) \$32,500**

Uses 36 inch roll paper. Dual array writing head has 7040 writing nibs. Plots with a resolution of 200 dots per inch at 0.75 inch per second paper speed.

**Model 8236A Plotter, with character generator. . . \$34,500**

Uses 36 inch roll paper, dual array writing head has 7040 writing nibs. Plots with a resolution of 200 dots per inch at 0.75 inch per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 16 x 16 dot matrix. Prints up to 440 characters per line at 360 lines per minute.

Options for 36 inch wide plotters:

**Paper Winder . . . . . (130 lb, 59 kg) \$1,750**

Rewinds 36 inch roll paper.

**Extension Table . . . . . (100 lb, 45 kg) \$1,300**

For 36 inch wide plotter. Provides plot viewing area of 3 x 5.5 feet.

## 72 Inch Plotters

**Model 8172 Plotter . . . . . (1400 lb, 636 kg) \$51,500**

Uses 72 inch roll paper. Dual array writing head has 7168 writing nibs. Plots with a resolution of 100 dots per inch at 1.0 inch per second paper speed.

**Model 8172A Plotter, with character generator. . . \$54,500**

Uses 72 inch roll paper, dual array writing head has 7168 writing nibs. Plots with a resolution of 100 dots per inch at 1.0 inch per second paper speed. Includes ROMs for generating a 96 ASCII character set in a 7 x 9 dot matrix. Prints up to 896 characters per line at 390 lines per minute.

Options for 72 inch wide plotters:

**Paper Winder . . . . . (180 lb, 82 kg) \$2,200**

Rewinds 72 inch roll paper.

**Extension Table . . . . . (145 lb, 66 kg) \$1,650**

For 72 inch wide plotter. Provides plot viewing area of 6 x 7 feet.



# On-line Controllers

*Controllers are normally shipped with associated printers/ plotters or 60 days after receipt of order. Versatec controllers operate with all standard Versatec 8½, 11 and 20 inch wide models. Please contact Versatec for information on controllers for use with wide plotters. Also, please consult factory for price and delivery for controllers to operate with computers which are not listed below.*

## Controllers for DEC Computers

**Model 110 Series Controller** . . . . . (25 lb, 11 kg) \$1,850

\* For PDP-8 and PDP-12 computers operating the Controller under Programmed Device Control.

**Model 110-1 Series Long Line Option<sup>†</sup>** . . . . . \$ 795

**Model 120 Controller** . . . . . (15 lb, 7 kg) \$1,350

For PDP-11 computers operating the Controller under Programmed Device Control.

**Model 120-1 Long Line Option<sup>†</sup>** . . . . . \$ 495

**Model 121 Controller** . . . . . (30 lb, 14 kg) \$1,800

For PDP-11 computers operating the Controller under Direct Memory Access or Programmed Device Control.

**Model 121-1 Long Line Option<sup>†</sup>** . . . . . \$ 495

Consult factory for price and availability of controllers for PDP-9 and PDP-15 computers.

## Controllers for Data General Computers

**Model 140 Controllers** . . . . . (15 lb, 7 kg) \$1,350

For NOVA 2, NOVA 3, Super NOVA, 800 and 1200 series; Eclipse and Digital Computer Controls D116 series computers operating the Controller under Programmed I/O.

**Model 140-1 Long Line Option<sup>†</sup>** . . . . . \$ 495

**Model 141 Controller** . . . . . (15 lb, 7 kg) \$1,800

For NOVA 2, NOVA 3, Super NOVA, 800 and 1200 series; Eclipse and Digital Computer Controls D116 series computers operating the Controller under Programmed I/O or Data Channel (DMA).

**Model 141-1 Long Line Option<sup>†</sup>** . . . . . \$ 495

**Model 142 External Controller** . . . . . (40 lb, 18 kg) \$1,850

For Super NOVA, 800 and 1200 series, also ROLM (see required option below) and Digital Computer Controls D116 computers operating under Programmed I/O.

**Model 142-3 Special Cable** . . . . . \$ 700

Required when using Model 142 Controller with ROLM Computer.

## Controller for Interdata Computers

**Model 160 Controller** . . . . . (15 lb, 7 kg) \$1,350

For Interdata 70, 74, 80, 85, 6/16, 7/16, 7/32, and 8/32 computers.

**Model 160-1 Long Line Option<sup>†</sup>** . . . . . \$ 495

**Model 160-3 Half-board adapter frame option (2 lb, 1 kg)**  
..... \$ 150

## Controller for Hewlett-Packard Computers

**Model 150 Controller** . . . . . (15 lb, 7 kg) \$1,050

For Hewlett-Packard 2100, 2114, 2115, 2116, 2100A, 2100S, 2000F, 21MX (2105MX and 2108MX) computers.

**Model 150-1 Long Line Option<sup>†</sup>** . . . . . \$ 495

## Controller for Univac Computers

**Model 190 Controller** . . . . . (21 lb, 8 kg) \$2,500

For use with AN/UYK 7, 15 or 20 and Univac 1616 computers

**Model 190-1 Long Line Option<sup>†</sup>** . . . . . \$ 495

## Other Controllers

Please consult factory for price and availability of controllers for Varian 620 and 70 series computers, XDS Sigma series computers and Honeywell 316 and 516 computers.

### <sup>†</sup> Cables For Controllers

Standard controller cables are 20 feet long and may be optionally ordered up to 50 feet long. With Long Line Option up to 1000 feet is possible. Non-standard cable lengths are priced per foot and must be specified at the time controller is ordered.

Non-Shielded . . . . . \$2.00/foot  
Shielded . . . . . \$2.50/foot

## OFF-LINE PTR PRINTERS

Includes 500 cps paper tape reader and associated controllers. Prints at 500 cps and operates as a stand-alone, off-line system from either 6 level TTS, ASCII 7 level, or ASCII 8 level paper tape. Has 128 typesetters character set, one-line buffer, logic for word-wrap, and ability to print or not print photo-typesetter commands. Shipping weight 315 lb, 145 kg.

**Important:** At time of ordering please specify version of paper tape code required.

**Model 960 PTR**, uses 8½ inch fan-fold or roll paper. Prints 100 characters per line in a 16 x 16 dot matrix . . . . . \$10,000

**Model 1150 PTR**, uses 11 inch fan-fold or roll paper, prints 132 characters per line in a 7 x 9 dot matrix . . . . . \$ 8,500

**Model 1616 PTR**, uses 11 inch fan-fold or roll paper, prints 100 characters per line in a 16 x 16 dot matrix . . . . . \$10,500

**Model 1250 PTR**, uses 11 inch fan-fold or roll paper, prints 132 characters per line in a 16 x 16 dot matrix . . . . . \$10,500

# 360/370 Plotting System Controllers

PLOTTER CAPACITY	MEMORY SIZE (8 bit bytes)		
	16K	32K	64K
One Plotter	Model 181-1 \$18,250	Model 181-2 \$20,250	Model 181-3 \$25,250
Two Plotters	Model 182-1 \$23,500	Model 182-2 \$25,750	Model 182-3 \$31,250
Four Plotters	Model 184-1 \$26,250	Model 184-2 \$28,500	Model 184-3 \$33,950

Above prices include Full Service Warranty and Installation. (Please refer to page 11 for details.)

*Shipping weight (250 lb, 114 kg). Delivery 120 days ARO. Please consult Software section (above) for prices for Integrated Versaplot Software for 360/370 computer systems.*

**Model 180-4 Test Panel Option . . . . . \$750**

Allows 360/370 system controller to be exercised off-line.

**Model 180-5 Optional IBM Colors . . . . . \$250**

For controllers. Customers may specify blue, red, yellow,

black or white to match controller to existing IBM equipment.

**Model 180-6 Optional IBM Colors . . . . . \$250**

For plotters. Customer may specify blue, red, yellow, black, or white to match Versatec plotters to existing IBM colors.

**Model 180-7 Long Line Option . . . . . \$495**

Permits printer/plotter to operate up to 1,000 feet from controller. Customers must specify cable length at time of order. Additional cable cost: \$2/ft.

## Off-line Plotting Systems

### OFF-LINE VECTOR PROCESSOR

Designed to operate a Versatec printer/plotter off-line from

magnetic tapes containing either vector, raster or print data. Tape speed 45 ips. Shipping weight: 250 lb, 115 kg. Normal delivery 120 days.

TAPE DRIVE	MEMORY SIZE (8 bit bytes)		
	16K	32K	64K
9-track — 800 bpi	Model 321-1 \$26,750	Model 321-2 \$29,250	Model 321-3 \$34,750
9-track — 1600 cpi	Model 331-1 \$29,750	Model 331-2 \$31,950	Model 331-3 \$37,500
9-track — 800 or 1600 dual density	Model 341-1 \$33,950	Model 341-2 \$36,250	Model 341-3 \$41,750

### OFF-LINE RASTER PROCESSOR

Designed to operate a Versatec printer/plotter off-line from IBM compatible magnetic tapes containing either raster or print data. Shipping weight: 347 lb, 160 kg. Normal delivery 90 days.

**Model 9-800 . . . . . \$ 9,000**

9 Track, 45 ips, NRZI tape deck, 800 bpi.

**Model 7-800 . . . . . \$ 9,000**

7 Track, 45 ips, NRZI tape deck, 556, or 800 bpi.

**Model 9-1600 . . . . . \$11,500**

9 Track, 37.5 ips, phase encoded tape deck, 1600 cpi.



# CRT Hard Copy Controllers

## HARD COPY From Tektronix Terminals

*Versatec C-Tex controllers allow computer plotting, computer printing, and hard copy from Tektronix terminals to be produced on a single Versatec printer/plotter. For use with Tektronix Graphic Display Terminals Models 4006, 4010-1, 4012, 4013, 4014-1, 4015-1, 4051, 4081, 613 and 619. Normal delivery 90 days.*

**Model C-Tex-1 . . . . . (5 lb, 2 kg) \$1,250**

For use with one terminal and Versatec 1100 series plotters and printer/plotters.

**Model C-Tex-2 . . . . . (5 lb, 2 kg) \$1,250**

For use with one terminal and Versatec 900, 1600, 1200 or 2000 series plotter and printer/plotter.

**Model C-Tex-4 . . . . . (25 lb, 11 kg) \$2,100**

For use with up to 4 terminals and one Versatec 800, 1100, 2000 or 8100 series plotter or printer/plotter.

**Model C-Tex-5 . . . . . (25 lb, 11 kg) \$2,100**

For use with up to 4 terminals and one Versatec 900, 1200, 1600, 2000, 2160, or 8100 series plotter or printer/plotter.

**Model C-Tex-6 . . . . . (25 lb, 11 kg) \$2,100**

For use with up to 4 terminals and one Versatec 8222, 8224, 8136, 8236, 8142 or 8172 plotter.

**Long Line Option to Printer/Plotter<sup>†</sup> . . . . . \$ 495**

Permits C-Tex 4, 5, or 6 controller to operate up to 1000 feet from printer/plotter. Customers must specify cable length at time of order.

**Long Line Option to Computer<sup>†</sup> . . . . . \$ 495**

Permits C-Tex 4, 5, or 6 controller to operate up to 1000 feet from computer controller. Customers must specify cable length at time of order.

## VIDEO HARD COPY CONTROLLER

*The Versatec Model 210 Video Hard Copy Controller allows production of hard copy on standard Versatec plotters and printer/plotters from virtually any digital video source. Delivery 90 days ARO.*

**Model 210 Video Hard Copy Controller . . . . . \$2,950**  
(30 lb, 14 kg)

**Model 210-1 Expansion Option . . . . . \$ 445**

**Model 210-5 Multi-copy Option . . . . . \$ 195**

Automatically produces up to 15 copies.

**Model 210-6 TTL/EIA Video Input Option . . . . . \$ 295**

External clock and composite sync option.

**Model 210-7 Long Line Option<sup>†</sup> . . . . . \$ 495**

Allows plotter to operate up to 1,000 feet from video hard copy controller. Customers must specify cable length at time of order.

### <sup>†</sup>Cables for C-Tex and Video Controllers

Standard controller cables are 20 feet long and may be optionally ordered up to 50 feet long. With Long Line Option up to 1000 feet is possible. Non-standard cable lengths are priced per foot and must be specified at the time controller is ordered.

Non-Shielded . . . . . \$2.00/foot

Shielded . . . . . \$2.50/foot



# Versaplot™ Software

Versaplot software is a flexible and efficient system of subroutines which allow a programmer to prepare virtually any graphic representation. Two release versions are available: Versaplot 06 and 07.

**Versaplot 06** is a set of easily used subroutines unique to electrostatic plotting (Versaplot 06-I) and an additional set of preprocessing subroutines that provide call compatibility with basic pen plotter programs. (Versaplot 06-I and II).

**Versaplot 07** is available in two packages. One, called Pen Plotter Emulation Program (PPEP), is a set of performance optimized subroutines which are call compatible with basic pen plotter programs. A second package, referred to as Electrostatic Plotting Software (EPS), is an extension of PPEP that provides grid and tone capabilities.

## Integrated Versaplot Software (IVS)

Versaplot 06 and 07 have been fully integrated for specific operating systems as listed in the following table. Integrated Versaplot provides the user with immediate plotting capability.

## Universal Versaplot Software (UVS)

Universal Versaplot Software is a comprehensive FORTRAN software package designed to accommodate any computer, operating system, or plotting application with minimum processing time and maximum programming flexibility. This package provides both Versaplot I and II. Integration is accomplished by the user.

VERSAPLOT SOFTWARE

Computer Operating System	Versaplot Version Note (1)	Ordering Number	License Fee (Note 2)				Medium Note (3)	Hardware Minimum Requirements (Decimal)
			Versaplot I (Source)	Versaplot I and II (Source)	Pen Plotter Emulation Program (PPEP)	Electrostatic Plotting Software (EPS)		
Universal (FORTRAN)	06	50001	N/A	\$1,000			MT908, MT916 CD, PT	14K Word Memory, Disk
HP-21, 21 MX, 21MXE RTE-II, III	07	50031			Source \$1,800	Source \$2,300	MT908, CD, PT	14K Word Partition, Disk
DOS-M & DOS III	06	50025	\$1,500	\$2,000			MT908, CD, PT	24K Word CPU, Disk
NOVA, Eclipse R-DOS, M-RDOS, FTN IV	06	50009	\$1,500	\$2,100			MT908, CD, PT	14K Word Partition (24K CPU), Disk
R-DOS, M-RDOS, FTN V	06	50027	\$1,500	\$2,100			MT908, CD, PT	14K Word Partition (24K CPU), Disk
PDP-8 OS/8	06	50024	\$1,200	\$1,900			DT, LT, PT	24K Word Teletype FORTRAN IV, Disk and FPP
PDP-11 DOS & DOS/BATCH	06	50006	\$1,500	\$2,100			MT908, DT, CD, PT	16K Word CPU, Disk
RSX-11D	06	50021	\$1,800	\$2,300			MT908, DT, CD	16K Word Partition, Disk
RSX-11M	07	50034			Source \$1,800	Source \$2,300	MT908, DT, DX, RK	18K Word Partition, Disk
RT-11 (Note 4)	07	50030			Source \$1,500	Source \$2,100	MT908, DT, RK	16K Word CPU, Disk
INTERDATA OS/32 ST or MT	06	50023	\$1,800	\$2,300			MT908, CD	34K Byte Partition
IBM 360/370	07	50026B			Object \$3,500	Object \$4,000	MT908, CD, MT916	90K Byte Partition
OS	07	50026S			Object \$5,000 & Source	Object \$5,500 & Source	MT908, CD, MT916	90K Byte Partition
DOS (Off Line)	06	50008	\$2,200	\$3,500			MT908, MT916	54K Byte Partition
Control Data	07	50029B			Object \$3,500	Object \$4,000	MT908, MT708	22K Word Field Length
SCOPE 3.4 (Off Line)	07	50029S			Source \$5,000	Source \$5,500	MT908, MT708	22K Word Field Length

### Notes:

- Version 07 software supports all Versatec series 900, 1100, 1200, 1600, 2000, and 8000 plotters. Version 06 software supports all Versatec 200, 800, 900, 1100, 1200, 1600, and 2000 plotters except PDP-11 DOS and DOS/Batch will not support 800 and 900 series and Interdata OS/32 ST or MT will not support Model 200.
- Users are required to sign software license agreement prior to shipment. OEM license agreements will also be quoted.
- User selected media **must** be specified at time of order. MT908= 9 track 800 bpi mag tape, MT916=9 track 1600 cpi mag tape, LT=Linc tape, DT=DEC tape, RK=DEC Pack, DX=floppy disk, PT=paper tape, CD=029 format cards.
- RT-11 Versaplot version 07 is not supported on floppy disk based systems.

# Service Programs

## FULL SERVICE PLAN MONTHLY RATES

### PRINTER/PLOTTER (machine paper width)

8½, 11, 20 inches  
22, 24, 36, 42 inches  
72 inches

### MILES FROM SERVICE CENTERS 0 to 100                      101 to 200

\$ 90                      \$150  
\$120                      \$180  
\$150                      \$210

The total monthly service rate is the sum of the printer/plotter rate *and* the rate for its associated controller(s) and software. A Full Service Plan for controllers is available only in conjunction with a printer/plotter. Please contact Versatec Customer Service for rates that apply to sites over 200 miles from Service Centers.

#### On-Line Controllers

Models 110, 120, 140, 142, 150 and 160	\$ 30
Models 121, 141, and 190	\$ 40
Models 181, 182, 184	\$225

#### Off-Line Controllers

Models 321, 331, 341	\$300
Models 9-800, 7-800, and 9-1600	\$ 75

#### CRT Controllers

C-Tex-1 & 2	\$ 30
C-Tex-4, 5 & 6	\$ 40
Model 210	\$ 50

Software:	\$100
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## FULL SERVICE PLAN

### Hardware:

For a fixed monthly rate, users receive all service and replacement parts necessary to maintain proper operation of Versatec units. In addition this plan provides:

- Set up and hardware checkout of Versatec system upon initial arrival at user site. Proper hardware operation of the system and use of operating supplies will be demonstrated.
- Remedial maintenance required during contract period.
- Preventive maintenance necessary to keep equipment operating properly.
- All labor and travel costs.
- Replacement parts on an exchange basis.
- Service hours are 8:00 a.m. to 5:00 p.m., Monday through Friday.
- Service provided outside of the normal working hours will be billed at \$55 per hour, when available.
- Response time to service calls is usually within 24 hours.

### Software:

A software Full Service Plan is available on an annual basis. This plan provides for:

- Automatic software and Versaplot operating manual updates, typically required when a new host operating system is released by the mainframe manufacturer.
- New Versaplot<sup>TM</sup> releases to enhance plotting capability and performance when they become available.
- Versatec will provide, free of charge within thirty days, corrective code to either Versaplot software or user programs to solve specific Versaplot software problems. In order to facilitate solutions to such problems, it is necessary that the user provide a concise test program which reproduces the problem.



# Service Programs (continued)

## Full Service Warranty and Installation

This optional plan is available at the time of equipment purchase and provides:

- Initial hardware installation and checkout.
- Instruction in hardware operation and use of supplies.
- Time and travel expenses at no charge during the Standard Warranty period.

Prices for initial 90-day Full Service Warranty and Installation:

- For sites up to 100 miles from service center \$350.00
- For sites 101 to 200 miles from service center \$550.00

For sites over 200 miles, please contact Versatec Customer Service for prices.

## PER CALL SERVICE

This is an hourly approach to service on an as required basis. Per Call Service should be of particular interest to those customers that can perform basic preventative maintenance in-house. When requesting Per Call Service, please issue a purchase order to Versatec at the time of calling. Per Call Service is provided on a first call, first serve basis. When scheduling conflict develops, Full Service Plan customers are given priority. Per Call Service charges are the sum of the following:

1. Labor and portal-to-portal travel time at \$35.00 per hour, Monday through Friday, 8:00 a.m. to 5:00 p.m. All other times \$55.00 per hour when available.
2. Parts and materials at current list prices.
3. Travel expense at \$.20 per mile plus tolls and parking for private auto or actual cost by commercial travel, including car rentals.
4. There is a minimum charge of \$70.00 per service call.

## CUSTOMER SERVICE TRAINING

Versatec conducts scheduled service training courses covering all of the equipment it manufactures including an overview of Versaplot™ software. Trainees must have a background in digital electronics in order to benefit from the courses on printers, plotters, or controllers. Experience in FORTRAN programming is a prerequisite for Versaplot™ software training.

Courses are conducted at Versatec or at Customer locations. The level of prior knowledge, the depth to which the customer wants the material to be covered, and the number of students will determine the length of training. All registered students retain the manuals and documentation provided for the course. A minimum of four students are required for software classes.

### Training at Versatec:

Charges are \$250 per day for first student and \$100 course charge for each additional student.

### Training at Customer Location:

Charges are \$250 per day for first student and \$100 course charge for each additional student. Charges will also be made for instructor's transportation, travel time and \$50. per day per diem. Customer will provide:

- A. Classroom with blackboard and overhead projector.
- B. Hand tools and test equipment (scope, voltmeter).
- C. The Versatec equipment to which the training applies.
- D. Computer time.

For more information about training courses and scheduling please call Versatec, Customer Service Training 408-988-2800.

## SERVICE CENTERS

Service area zones and associated travel charges are calculated from these cities. Service from these centers is limited to the forty-eight contiguous states. For information on sales and service in Canada, United Kingdom, Western Europe, Israel, Australia, and Japan, contact Versatec Customer Service.

### Arizona

Phoenix

### California

Los Angeles\*

Santa Clara\*

### Colorado

Denver

### Georgia

Atlanta\*

### Illinois

Chicago\*

### Massachusetts

Boston\*

### Michigan

Detroit\*

### Minnesota

Minneapolis

### Missouri

St. Louis\*

### New Jersey

Midland Park\*

### New Mexico

Albuquerque

### New York

Middle Island\*

Utica\*

### Ohio

Dayton\*

### Pennsylvania

Philadelphia\*

### Texas

Dallas\*

Houston

### Washington D.C.\*

\*Service for 360/370 Plotting Systems is only available from these service centers.

# Operating Supplies

*Operating supplies are normally shipped within 48 hours ARO. Please consult Versatec for prices on larger quantities and for information about special paper.*

## Toner

One 2-gallon bottle of toner pre-mix and one 8-oz. bottle of toner concentrate are sufficient for toning from 5,000 to 20,000 feet of paper depending on model, mode of operation, amount of data being printed, and darkness of printout desired. Clear dispersant is used primarily for general cleaning purposes but may also be used to dilute toner. It is not required for normal operation.

Versatec Type M toner materials are now supplied for use in *all* Versatec machines. Type M toner concentrate and pre-mix have proven to provide superior output quality.

All Versatec units which previously called for Type B, C, and D toner materials should now use the Type M formulation. No special changeover procedures are required. Simply replace depleted concentrate or pre-mix containers with new Type M containers and continue operating.

Versatec Type M toner materials are fully compatible with Type B, C, or D formulations. Best results will be achieved by using Type M concentrate and Type M pre-mix together. However, one may use up existing stocks of either Type C concentrate or Type D pre-mix along with the Type M materials.

### **Type M Toner Concentrate, 8-oz. bottle**

1-23 bottles	(½ lb, 0.2 kg) each \$ 8.00
24-47 bottles	each \$ 7.00
48-99 bottles	each \$ 6.00

### **Type M Toner Concentrate, 16-oz. bottles for wide, 8000 Series Plotters.**

1-23 bottles	(1 lb, 0.4 kg) each \$16.00
24-47 bottles	each \$14.00
48-99 bottles	each \$12.00

### **Type M Toner Pre-Mix, 2-gal. bottle**

1-23 bottles	(15 lb, 7 kg) each \$20.00
24-47 bottles	each \$17.00
48-99 bottles	each \$15.00

### **Type M/B Clear Dispersant, 1-gal. bottle. (For use with Type C, D, and M materials.)**

1-23 bottles	(7 lb, 3 kg) each \$15.00
24-47 bottles	each \$13.00
48-99 bottles	each \$12.00

## Electrographic Paper

**Type 45R-8, 8½-inch-wide roll paper, two 500-foot rolls per carton.**

1-5 cartons	(11 lb, 5 kg) each \$25.00
6-11 cartons	each \$21.00
12-23 cartons	each \$19.00
24-47 cartons	each \$18.00
48-119 cartons	each \$17.00
120-carton pallet load (1,350 lb, 614 kg)	per carton \$16.00

**Type 45F-8, 8½-inch-wide fan-fold paper, 1000 continuous 8½" x 11" sheets per carton.**

1-5 cartons	(10 lb, 4.5 kg) each \$28.00
6-11 cartons	each \$25.00
12-23 cartons	each \$23.00
24-47 cartons	each \$22.00
48-119 cartons	each \$21.00
120-carton pallet load (1,300 lb, 590 kg)	per carton \$20.00

**Type 45R-8T, 8½-inch-wide translucent paper, two 500-foot rolls per carton.**

1-5 cartons	(11 lb, 5 kg) each \$46.00
6-11 cartons	each \$42.00
12-23 cartons	each \$39.00
24-47 cartons	each \$37.00
48-104 cartons	each \$35.00
105-carton pallet load (1,350 lb, 613 kg)	per carton \$33.00

**Type 45R-11, 11-inch-wide roll paper, two 500-foot rolls per carton.**

1-5 cartons	(15 lb, 7 kg) each \$32.00
6-11 cartons	each \$27.00
12-23 cartons	each \$24.00
24-47 cartons	each \$22.00
48-95 cartons	each \$21.00
96-carton pallet load (1,280 lb, 581 kg)	per carton \$20.00

**Type 45F-11, 11-inch-wide fan-fold paper, 1000 continuous 11" x 8½" sheets per carton.**

1-5 cartons	(10 lb, 4.5 kg) each \$28.00
6-11 cartons	each \$25.00
12-23 cartons	each \$23.00
24-47 cartons	each \$22.00
48-119 cartons	each \$21.00
120-carton pallet load (1,300 lb, 590 kg)	per carton \$20.00

**Type 45R-11T, 11-inch-wide translucent paper, two 500-foot rolls per carton.**

1-5 cartons	(15 lb, 7 kg) each \$53.00
6-11 cartons	each \$48.00
12-23 cartons	each \$45.00
24-47 cartons	each \$43.00
48-83 cartons	each \$41.00
84-carton pallet load (1,300 lb, 590 kg)	per carton \$39.00



# Operating Supplies (continued)

**Type 45R-20**, 20-inch-wide roll paper, two 500-foot rolls per carton.

1-5 cartons	(28 lb, 13 kg) each	\$60.00
6-11 cartons	each	\$55.00
12-23 cartons	each	\$52.00
24-47 cartons	each	\$50.00
48 cartons one pallet (1,400 lb, 636 kg)	per carton	\$48.00
96 cartons (two pallets)	per carton	\$46.00

**Type 45R-20T**, 20-inch-wide translucent paper, two 500-foot rolls per carton. Suitable for blueline reproduction purposes.

1-5 cartons	(30 lb, 14 kg) each	\$ 80.00
6-11 cartons	each	\$ 74.00
12-23 cartons	each	\$ 70.00
24-41 cartons	each	\$ 66.00
42 cartons (one pallet) (1,300 lb, 590 kg)	per carton	\$ 64.00
84 cartons (two pallets)	per carton	\$ 62.00

**Type 45R-22**, 22-inch-wide roll paper, two 500-foot rolls per carton.

1-5 cartons	(24 lb, 11 kg) each	\$ 72.00
6-11 cartons	each	\$ 65.00
12-23 cartons	each	\$ 60.00
24-47 cartons	each	\$ 57.00
48 cartons (one pallet) (1,200 lb, 546 kg)	per carton	\$ 54.00
96 cartons (two pallets)	per carton	\$ 52.00

**Type 45R-22T**, 22-inch-wide translucent paper, two 500-foot rolls per carton.

1-5 cartons	(30 lb, 13.6 kg) each	\$100.00
6-11 cartons	each	\$ 92.00
12-23 cartons	each	\$ 87.00
24-47 cartons	each	\$ 84.00
48 cartons (one pallet) (1,440 lb, 655 kg)	per carton	\$ 81.00
96 cartons (two pallets)	per carton	\$ 78.00

**Type 45R-24**, 24-inch-wide roll paper, two 500-foot rolls per carton.

1-5 cartons	(27 lb, 12 kg) each	\$ 79.00
6-11 cartons	each	\$ 71.00
12-23 cartons	each	\$ 65.00
24-47 cartons	each	\$ 62.00
48 cartons (one pallet) (1,340 lb, 609 kg)	per carton	\$ 59.00
96 cartons (two pallets)	per carton	\$ 56.00

**Type 45R-24T**, 24-inch-wide translucent paper, two 500-foot rolls per carton.

1-5 cartons	(32 lb, 14.5 kg) each	\$110.00
6-11 cartons	each	\$101.00
12-23 cartons	each	\$ 95.00
24-47 cartons	each	\$ 92.00
48 cartons (one pallet) (1,536 lb, 698 kg)	per carton	\$ 88.00
96 cartons (two pallets)	per carton	\$ 85.00

**Type 45R-36**, 36-inch-wide roll paper, two 500-foot rolls per carton.

1-5 cartons	(41 lb, 19 kg) each	\$118.00
6-11 cartons	each	\$105.00
12-23 cartons	each	\$ 97.00

24 cartons (one pallet) (1,010 lb, 459 kg)	per carton	\$ 93.00
48 cartons (two pallets)	per carton	\$ 89.00

**Type 45R-36T**, 36-inch-wide translucent paper, two 500-foot rolls per carton.

1-5 cartons	(48 lb, 21.8 kg) each	\$165.00
6-11 cartons	each	\$150.00
12-23 cartons	each	\$142.00
24-47 cartons	each	\$137.00
48 cartons (one pallet) (2,304 lb, 1,047 kg)	per carton	\$132.00
96 cartons (two pallets)	per carton	\$128.00

**Type 45R-42**, 42-inch-wide roll paper, two 500-foot rolls per carton.

1-5 cartons	(50 lb, 23 kg) each	\$138.00
6-11 cartons	each	\$123.00
12-23 cartons	each	\$113.00
24 cartons (one pallet) (1,230 lb, 559 kg)	per carton	\$108.00
48 cartons (two pallets)	per carton	\$103.00

**Type 45R-42T**, 42-inch-wide translucent paper, two 500-foot rolls per carton.

1-5 cartons	(60 lb, 27.3 kg) each	\$200.00
6-11 cartons	each	\$184.00
12-23 cartons	each	\$174.00
24-47 cartons	each	\$167.00
48 cartons (one pallet) (2,880 lb, 1,309 kg)	per carton	\$162.00
96 cartons (two pallets)	per carton	\$156.00

**Type 45R-50**, 50-inch-wide roll paper, one 1,500-foot roll per package.

1-7 rolls	(85 lb, 38.6 kg) per roll	\$206.00
8-15 rolls	per roll	\$200.00
16 rolls (one pallet) (1,360 lb, 618 kg)	per roll	\$186.00
32 rolls (two pallets)	per roll	\$175.00

**Type 45R-63**, 63-inch-wide roll paper, one 1,500-foot roll per package.

1-7 rolls	(107 lb, 48.6 kg) per roll	\$260.00
8-15 rolls	per roll	\$252.00
16 rolls (one pallet) (1,712 lb, 779 kg)	per roll	\$234.00
32 rolls (two pallets)	per roll	\$221.00

**Type 45R-72**, 72-inch-wide roll paper, one 1,500-foot roll per package.

1-7 rolls	(122 lb, 55 kg) per roll	\$297.00
8-15 rolls	per roll	\$288.00
16 rolls (one pallet) (1,952 lb, 887 kg)	per roll	\$267.00
32 rolls (two pallets)	per roll	\$254.00

## Special Paper

For special paper requirements, please ask your Supplies Sales Specialist for a price and delivery quotation.

To place supply orders or obtain more information

Please call **(800) 538-6468**  
**TOLL FREE** Outside of California

**(408) 988-2800** for calls within California

# Options and Accessories

## MTE-15 Test Exerciser

### Model MTE-15 Matrix Test Exerciser . . (15 lb, 7 kg) \$1,800

Has the capability of completely exercising off-line all 8½, 11 and 20 inch Versatec units. Supports dual buffer, simultaneous print/plot and character set options.

### Long Line Test Adapter . . . . . (2 lb, 1 kg) \$ 225

Permits MTE-15 Test Exerciser to operate with a Versatec printer or plotter which has a long line option installed.

### Model TM-1 Test Module . . . . . (5 lb, 2 kg) \$ 350

Permits 8½, 11, and 20 inch Versatec printers to print a rotating ASCII character set or plot a simple pattern, off-line.

## Spare Parts

Complete spare parts kits are available for all Versatec units. Kits may be purchased for servicing at the (a) PC card and module level, or (b) component level. Consult factory for complete spares list and pricing information.

## I/O Multiplexer Switch

### Model 510 I/O Multiplexer Switch . . . (4 lb, 2 kg) \$1,000

Permits one printer/plotter (model series 800, 900, 1100, 1200, 1600 or 2000) to operate from either of two Versatec controllers.

## Tilt Option

For ship and mobile land applications. Permits printer/plotter to operate when inclined from horizontal position up to 15 degrees in any direction. Non-operating units can withstand up to 45 degrees of tilt without loss of toner.

Models 800 and 900 series . . . . .	\$350
Models 1100, 1200 and 1600 series . . . . .	\$475
Models 2000 series . . . . .	\$600

## Source Inspection

An additional fee is charged when customers wish to witness performance testing of equipment at the factory prior to shipment. For 8½ to 20 inch printer/plotters; \$200.00. For 22 to 72 inch wide plotters; \$250.00.

## POST-SALES OPTIONS

The prices for options, as shown throughout this price list, apply to factory installation at the time of original purchase of Versatec equipment.

When users wish to up-grade units which are already in the field with certain options, a Post-Sale Price Premium is charged in addition to the listed price of the option. This premium covers the extra costs of special installation instructions, up-dated documentation and special handling.

Per call service rates apply to field installation of post-sale options by Versatec Service Engineers. Prices for post-sale options are on a "parts exchange basis".

When ordering options for Versatec units in the field be sure to specify:

1. Option required
2. Model number
3. Serial number
4. Is installation by Versatec Customer Service required?

## Post-Sale Price Premiums for Options

Additional one-line buffer . . . . .	\$180
Simultaneous Print/Plot feature . . . . .	\$200
Paper Winders . . . . .	NO ADDITIONAL CHARGE
Extension Tables . . . . .	NO ADDITIONAL CHARGE
Long line option . . . . .	\$200
Optional character sets . . . . .	\$200
Convert 800, 900, 1100, 1200 and 2000 series <b>Printer to Printer/Plotter</b> . . . . .	\$1,500
Convert 800, 900, 1100, 1200 and 2000 series <b>Plotter to Printer/Plotter</b> . . . . .	\$1,000

## VERSATEC MANUALS

### Operation and Maintenance Manuals

(one copy is shipped free-of-charge with each unit)

For 8½, 11 or 20 inch Printer/Plotters

Ordered with equipment . . . . .	\$50
Ordered after shipment . . . . .	\$65

For 8000 series Plotters

Ordered with equipment . . . . .	\$60
Ordered after shipment . . . . .	\$80

### Versaplot Software Manuals

#### Versaplot Operational Design Manual . . . . . \$65

Provides an overview of Versaplot (version 06) software design. Includes design philosophy, flow diagrams, documentation and subroutine listings. Requires license agreement.

#### Versaplot Graphics Programming Manual (version 06) . . \$25

External programming interface to Versaplot. Describes FORTRAN calls.

#### Versaplot Graphics Programming Manual (version 07) . . \$25

External programming interface to Versaplot. Describes FORTRAN calls.

#### Versaplot Operating Manual . . . . . \$25

Includes Versaplot installation and operating instructions for specific operating system. Be sure to specify correct order number, as shown on page 9, and computer model and operating system.

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The prices shown on this price list apply to products sold in the United States and Canada. Prices are f.o.b. Versatec factory, Santa Clara, California, terms are net 30 days. Prices subject to change without notice. Minimum order is \$50.00. All prices are quoted in U.S. dollars.

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For prices and firm delivery quotations on quantity orders of Versatec products and large quantities of supplies, please contact Versatec Marketing.

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In writing your order have you specified:

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- (2) Roman, Gothic or Courier font on all 16 x 16 dot matrix printers or printer/plotters?
- (3) Other options required?
- (4) Adequate supply of electrographic paper and toner?
- (5) Length of cables for long-line option or for special installations?
- (6) Your computer and operating system?

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# Terms and Conditions

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